

# How to change: VW Polo 9N rear shock absorbers – replacement guide

 VIDEO TUTORIAL

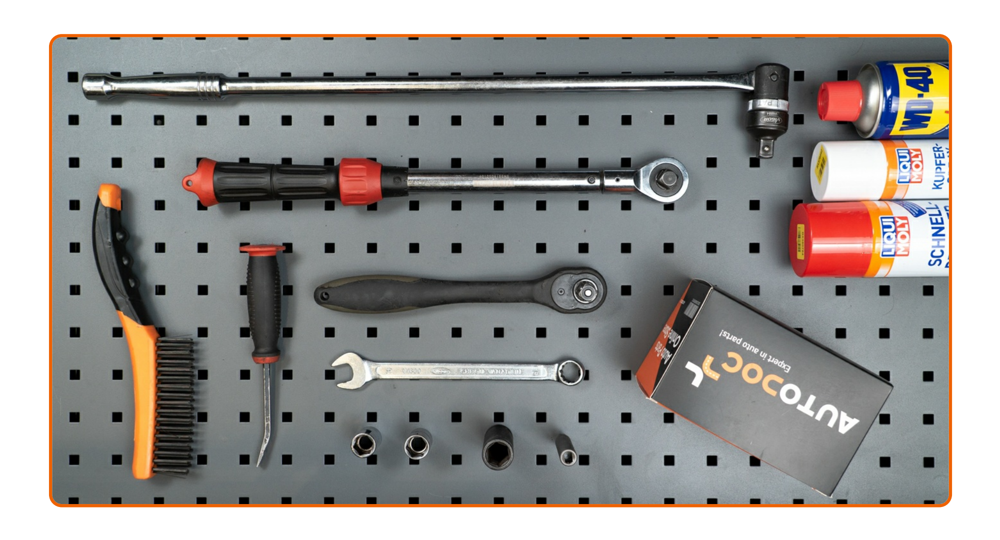
## Important!

This replacement procedure can be used for:
VW POLO (9N_) 1.4 16V

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The steps may slightly vary depending on the car design.

# REPLACEMENT: SHOCK ABSORBERS – VW POLO 9N. TOOLS YOU'LL NEED:




- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 15
- Drive socket # 16
- Combination spanner #16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Vice
- Shock absorber socket
- Hydraulic transmission jack
- Wheel chock

## Replacement: shock absorbers – VW Polo 9N. Professionals recommend:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

# REPLACEMENT: SHOCK ABSORBERS – VW POLO 9N. TAKE THE FOLLOWING STEPS:

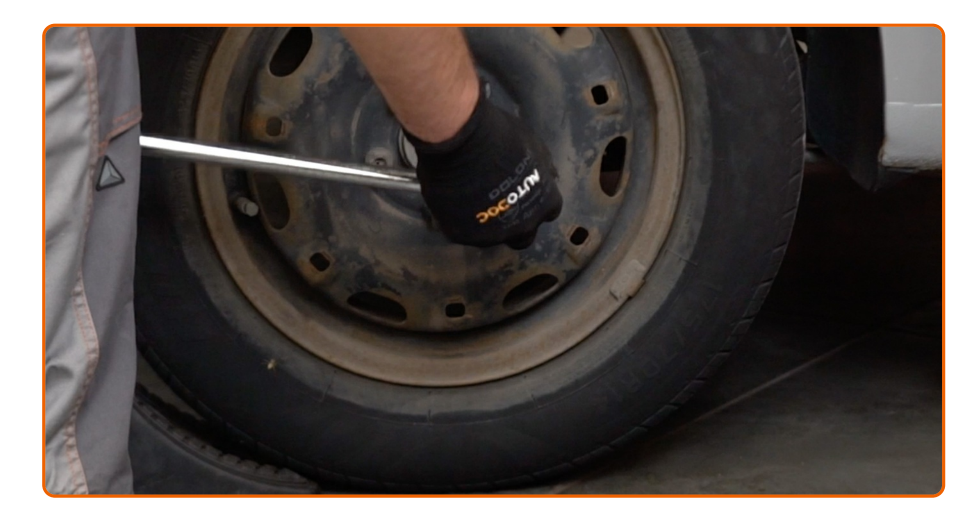
1



Secure the wheels with chocks.



2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the rear of the car and secure on supports.

4



Unscrew the wheel bolts.

## AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Polo 9N

5



Remove the wheel.

6



Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

7



Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

8



Support the rear suspension beam. Use a hydraulic transmission jack.

9



Remove the fastening bolt.

10



Remove the mounting from under the rear axle beam.

## Replacement: shock absorbers – VW Polo 9N. Tip:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

11

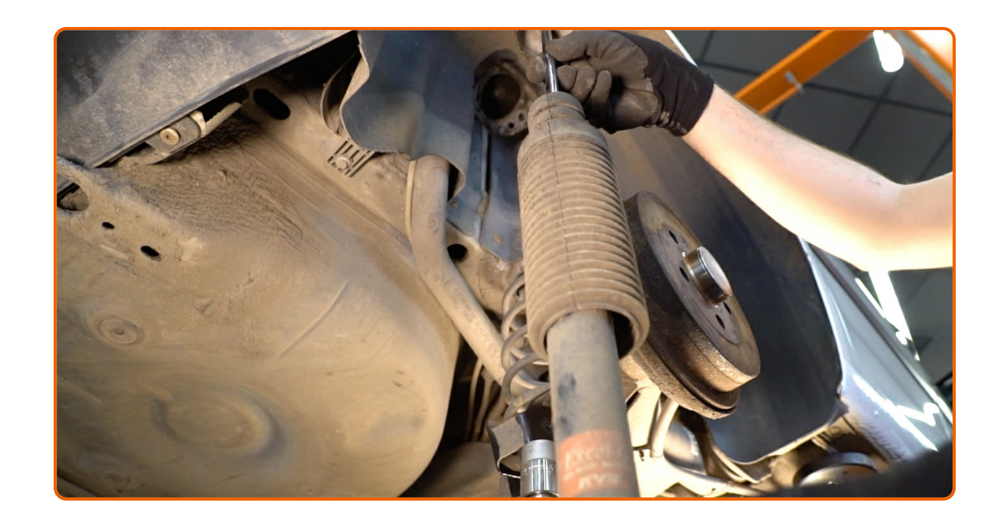



Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.

## Replacement: shock absorbers – VW Polo 9N. Tip from AUTODOC experts:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

12



Remove the shock absorber.

13



Grip the shock absorber in a vice.

14



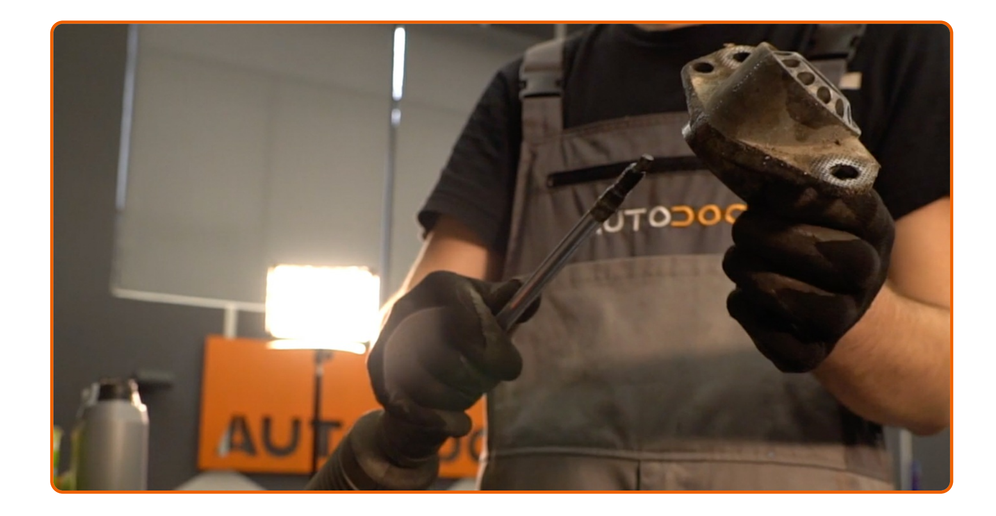
Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

15



Remove the shock absorber piston rod fastening. Use a drive socket #15. Use a ratchet wrench.

16

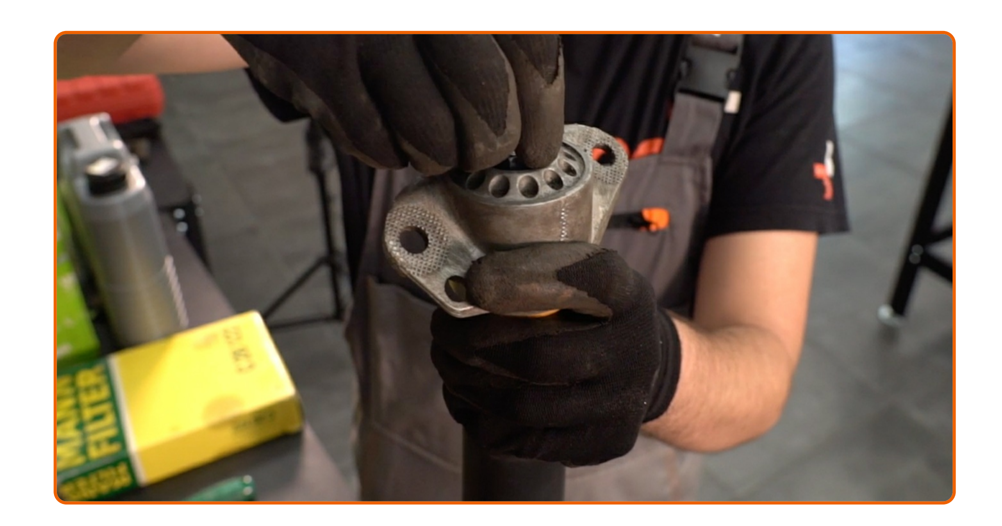


Remove the shock absorber mount, boot and bump stop.

## Replacement: shock absorbers – VW Polo 9N. AUTODOC experts recommend:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

17




Install the mount, boot and bump stop onto a new shock absorber.



18



Screw the shock strut piston rod upper fastening. Use a drive socket #15. Use a shock absorber socket. Use a torque wrench. Tighten it to 42 Nm torque.

19



Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

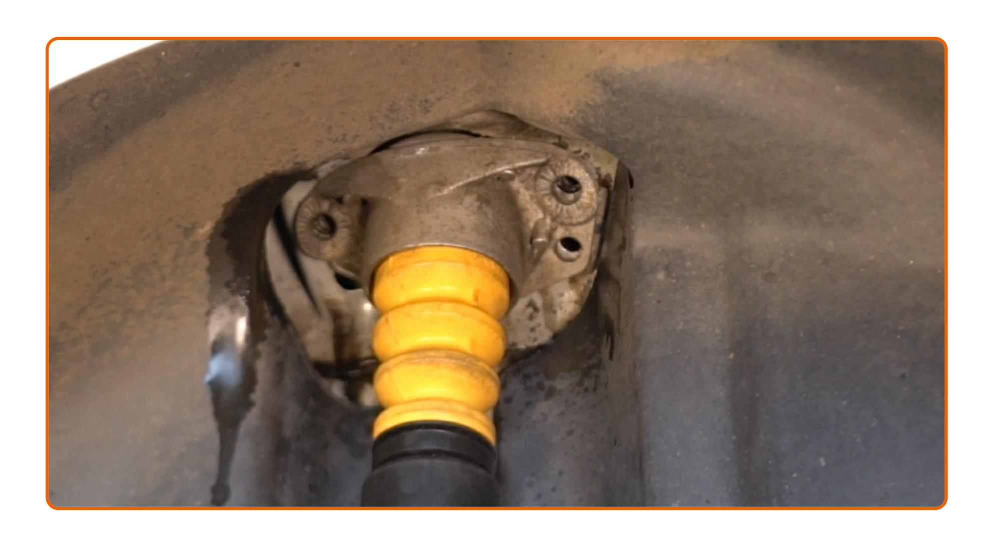
20

Treat the shock absorber mounting seats. Use copper grease.

21

Release the vice and take out the shock absorber.

22



Place the shock absorber in the wheel arch and secure it.

## Replacement: shock absorbers – VW Polo 9N. Tip from AUTODOC experts:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

23




Screw the upper fastener of the shock absorber. Use a drive socket #16.

## Replacement: shock absorbers – VW Polo 9N. AUTODOC recommends:

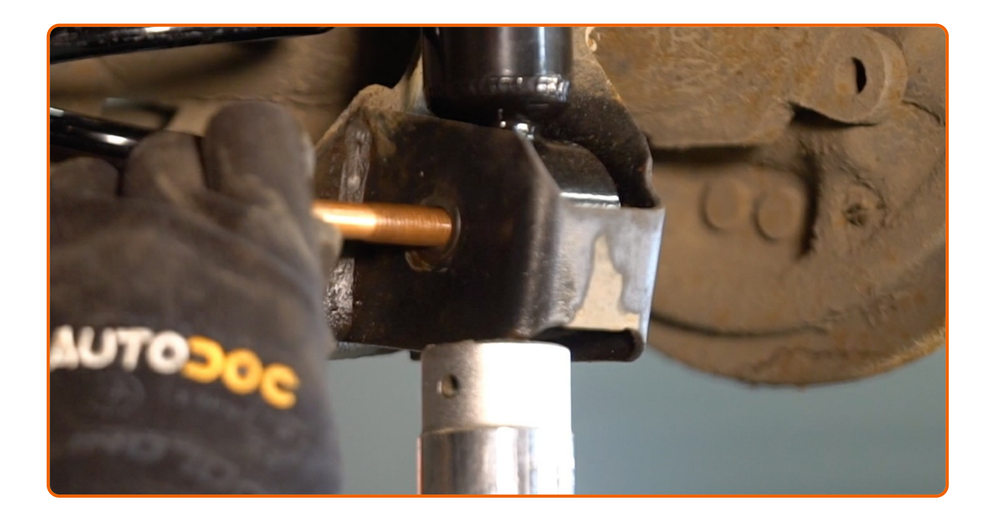
- Install the shock absorber mount using the center hole as a guide.

24



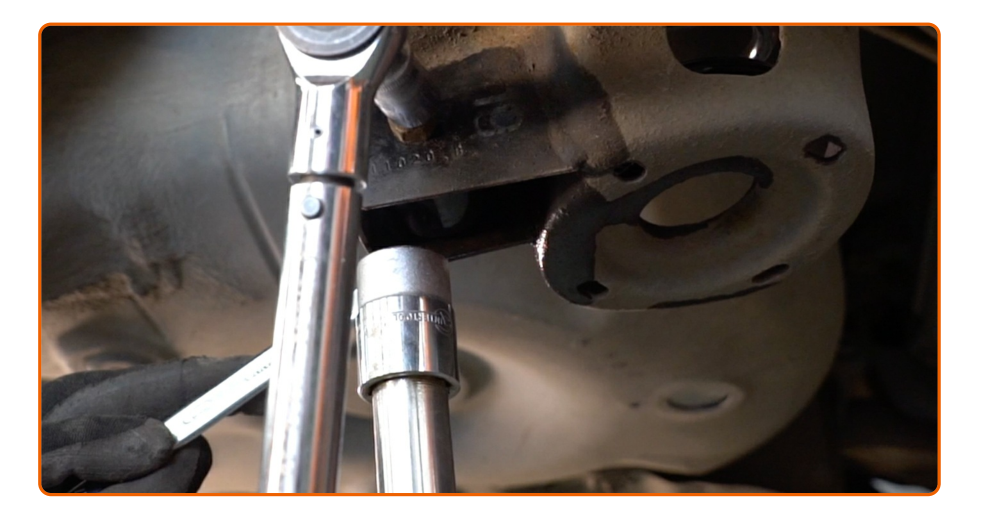
Support the rear suspension beam. Use a hydraulic transmission jack.

25



Install the fastening bolt.

26



Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 75 Nm torque.

27

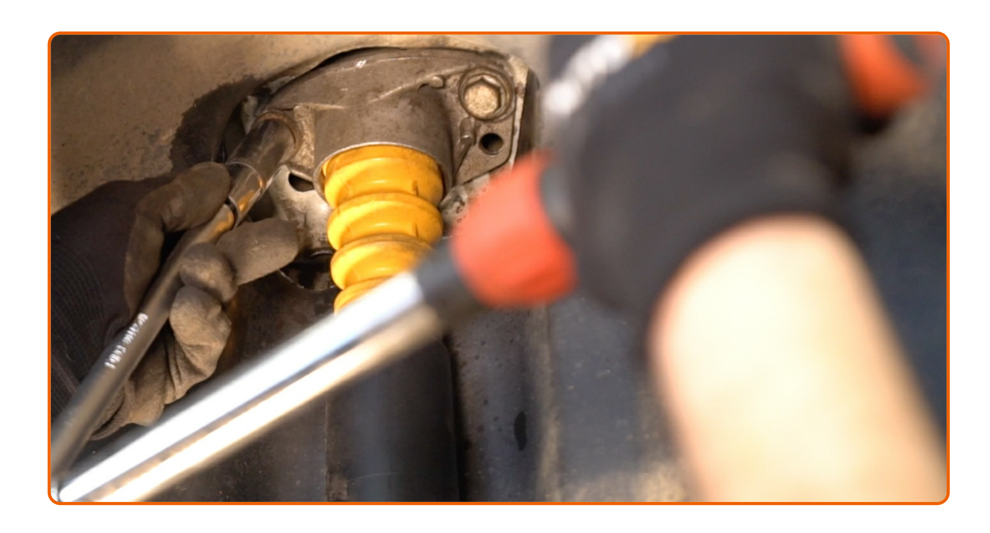


Remove the mounting from under the rear axle beam.

## AUTODOC recommends:

- VW Polo 9N – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

28



Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 58 Nm torque.



29

Treat the shock absorber fasteners. Use copper grease.

30



Clean the wheel rim mounting seat. Use a wire brush.

31




Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

32



Install the wheel.

## Replacement: shock absorbers – VW Polo 9N. Tip from AUTODOC experts:

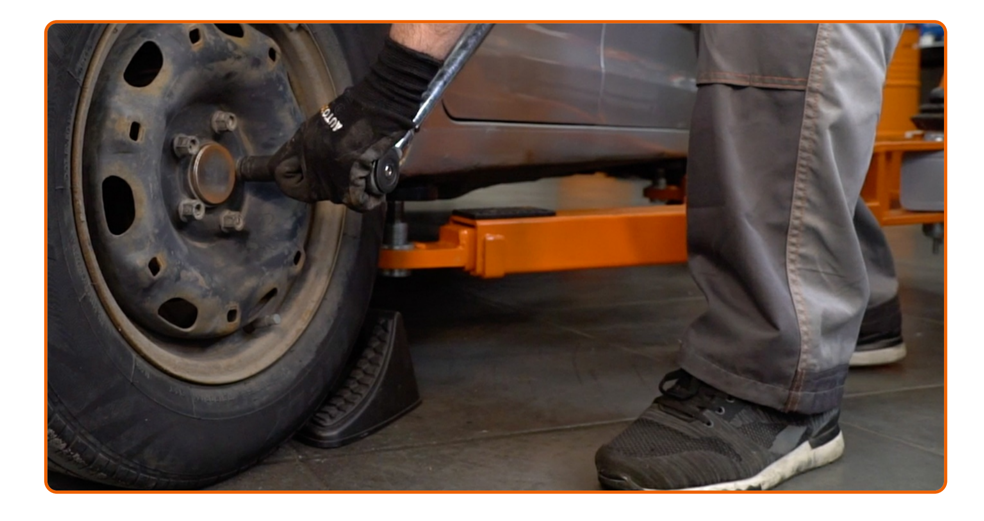
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

33



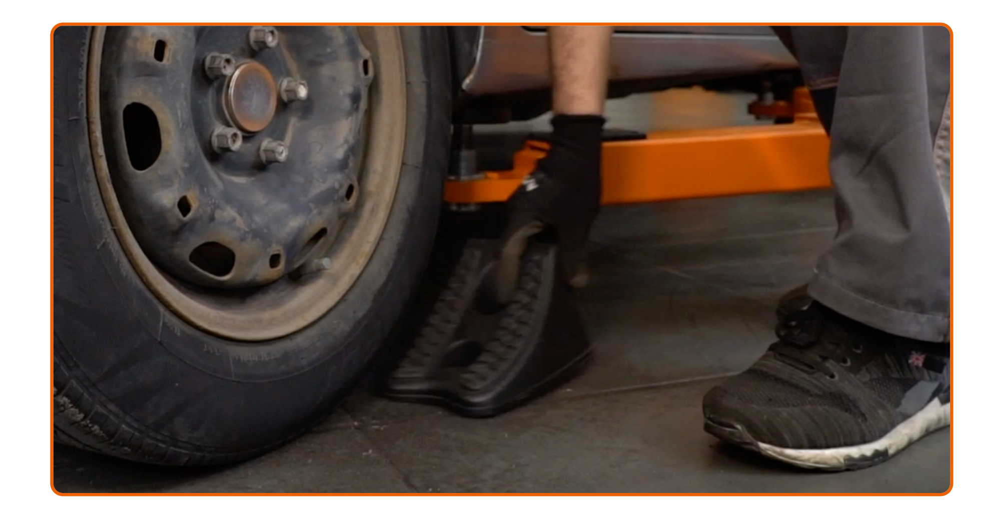
Screw in the wheel bolts. Use wheel impact socket #17.

34



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

35



Remove the jacks and chocks.

## DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

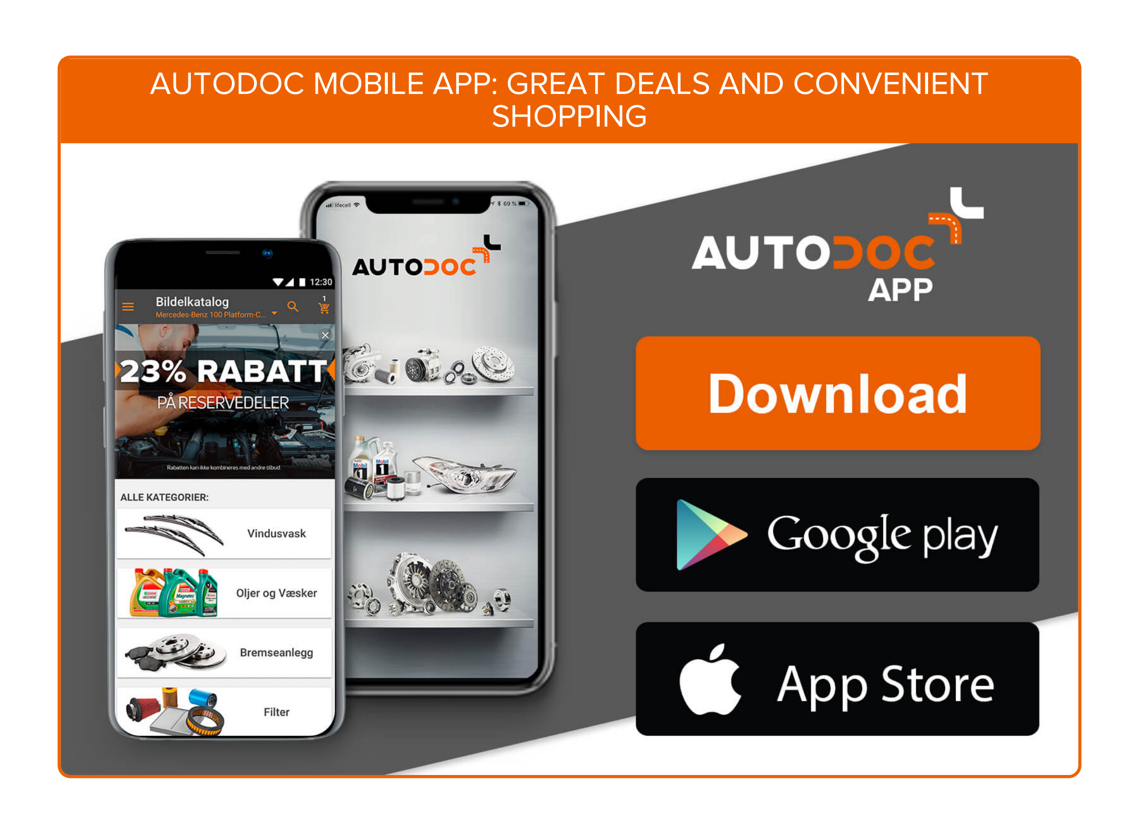
NO



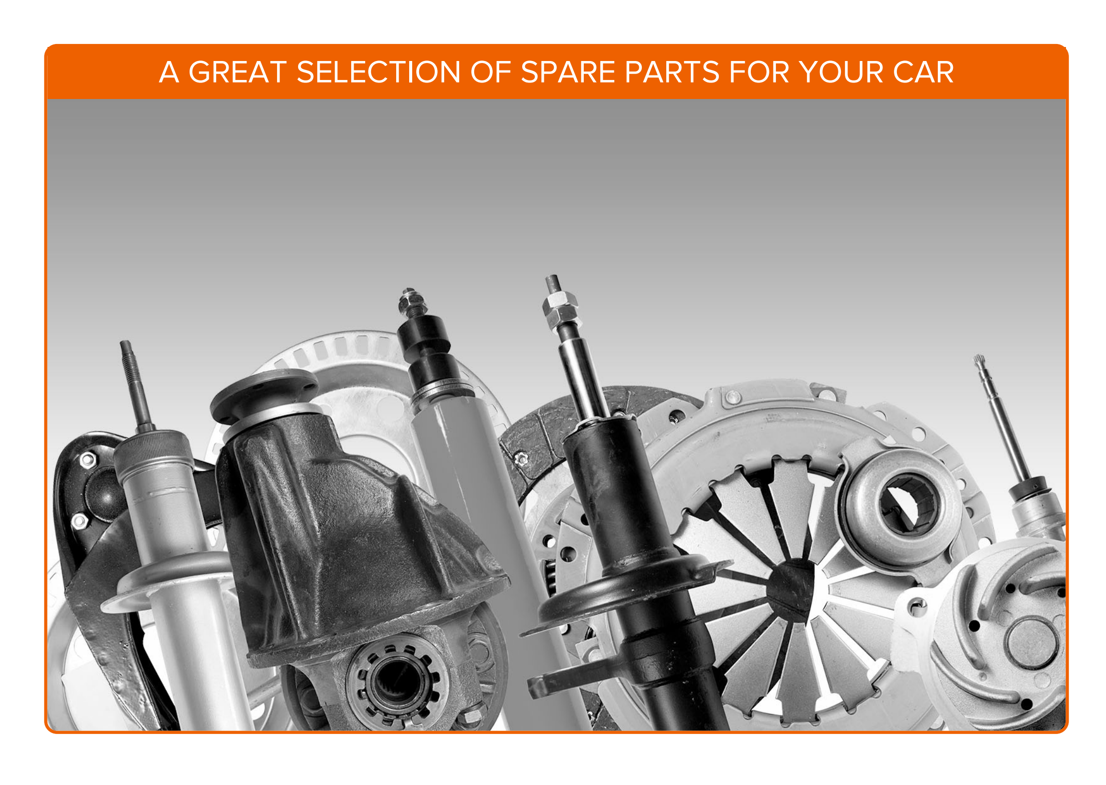
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